

STAKEHOLDER INTERACTION AT CLOSED SITES

Weldon Spring Site
Weldon Spring, Missouri

**Missouri Department of
Transportation**

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INTRODUCTION

- ▣ Weldon Spring is the site of a former chemical and radiological facility
- ▣ This site included a manufacturing facility with disposal ponds on site
- ▣ It also included a quarry that was used for disposal of waste
- ▣ MoDOT has two highways, Routes D and Route 94 that traverse the area
- ▣ MoDOT also has a maintenance lot next door to the disposal cell



Weldon Spring Site



Weldon Spring Chemical Plant



The Site Today



Weldon Spring Site



MoDOT Areas Affected



Route 94 Culvert

- ▣ Installed by the army under 40 feet of fill
- ▣ Consists of corrugated metal that is rusting
- ▣ Culvert is contaminated
- ▣ Removal costs about \$1 million
- ▣ Fix and leave in place with future replacement when needed

60 inch X 225 feet



Route 94 Immediate Repairs

Culvert before repairs



Culvert after repairs on 8/25/10



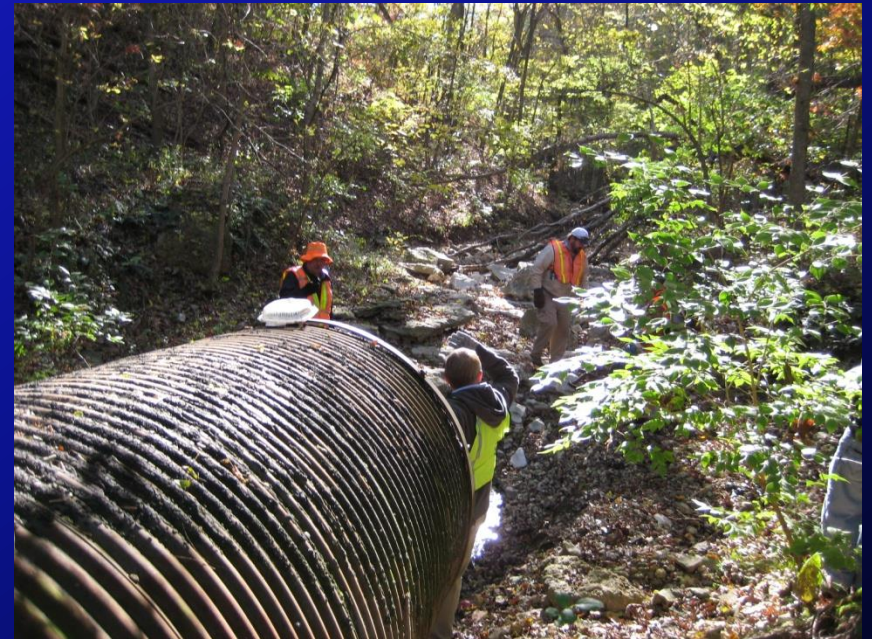
Route 94 Future Needs

- ▣ After collapsed end was cut away
- ▣ Water had undercut the end
- ▣ Culvert still intact but will need replacement or lined in the future



Route 94 Culvert Downstream

- ▣ Fill is washed away from around the culvert
- ▣ This section broke away
- ▣ Isn't necessary for integrity of the highway
- ▣ DOE's discretion on what to do with it



Route D Culverts

- ▣ Installed by Army
- ▣ Consists of corrugated metal that was rusting
- ▣ Believed contamination is under the culverts
- ▣ Removal and replacement to be done next year
- ▣ Cooperative coordination between DOE and MoDOT to replace

2 - 60 inch X 82 feet



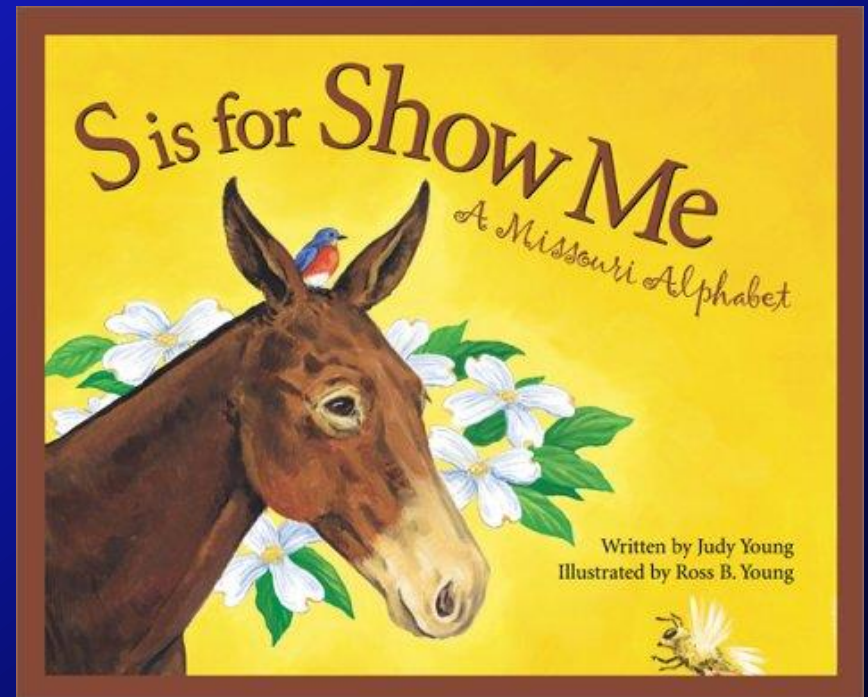
Route D Culverts

- ▣ MoDOT's contractor will uncover the culverts
- ▣ DOE contractor will remove along with any contaminated soil
- ▣ MoDOT will supply fill material



Working Together

- ▣ Missouri is the “Show Me State”
- ▣ We need to see to accept
- ▣ Several Missouri state agencies were involved
- ▣ MoDOT, DOC, DNR, DNR Parks
- ▣ DNR is the central contact



Central Contact

- ❑ One central state contact
- ❑ Everyone was kept informed
- ❑ Easier to work with DOE and for DOE to work with the agencies
- ❑ MoDOT concerned with protecting our employees and the public



Open Communication

- ▣ MoDOT assigned one central contact within the department
- ▣ Maintenance people were briefed
- ▣ Design and construction to coordinate future efforts
- ▣ DOE provided educational opportunities for employees



Future Route D Improvements

- ❑ Widen Route D next spring
- ❑ Culvert replacement will be coordinated
- ❑ Route D will be shut down for two days
- ❑ MoDOT's contractor will remove the overburden
- ❑ DOE will remove the culverts and any contaminated soil
- ❑ MoDOT will replace the fill and culverts and finish the project



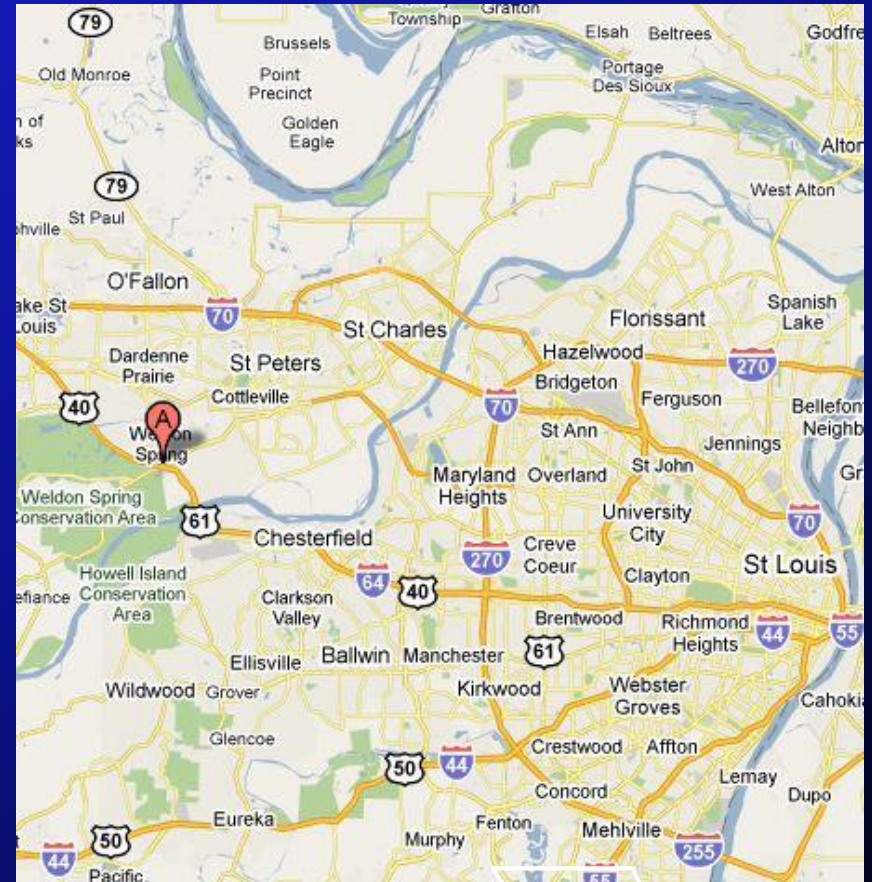
Future Route D Improvements

- ▣ Disposal of the culverts will be determined
- ▣ If they are not contaminated they will be recycled
- ▣ DOE has offered to be present at the pre bid meeting to answer any questions from contractors



Future Route 94 Improvements

- ❑ Route 94 cannot be shut down
- ❑ Shoulders are being added to Route 94
- ❑ Culvert replacement or repair will be coordinated with DOE
- ❑ MoDOT will continue to work with DOE



Interpretive Center

- ▣ DOE's interpretive center next door has been a great educational tool to educate MoDOT employees

